



PTO/SB/08a/b (07-05)

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<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  <i>(Use as many sheets as necessary)</i>				<b>Complete if Known</b>	
				Application Number	10/553594
				Filing Date	October 18, 2005
				First Named Inventor	Richard L. BOYD
				Art Unit	Not Yet Assigned
				Examiner Name	Not Yet Assigned
Sheet	1	of	10	Attorney Docket Number	0286336.00159US2/NOR-020US

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	Document Number Number-Kind Code <sup>2</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
	AA*	US-20040018180-A1	01-29-2004	Boyd	
	AB*	US-20040132179	07-08-2004	Boyd	
	AC*	US-20040241842-A1	12-02-2004	Boyd	
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				Art Unit	Not Yet Assigned
				Examiner Name	Not Yet Assigned
Sheet	2	of	10	Attorney Docket Number	0286336.00159US2/NOR-020US

	AT1*	US-5,614,502	03-25-1997	Flotte et al.	
	AU1*	US-5,624,823	04-29-1997	Sachs et al.	
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		Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)				
	BA	AU-56394/94	09-01-1994	ORTHO PHARMACEUTICAL CORPORATION		
	BB	AU-76177/91	11-19-1992	COMMONWEALTH SERUM LABORATORIES LIMITED		
	BC	EP-413209	02-20-1991	ABBOTT LABORATORIES		
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	BI	GB-9112859	07-31-1991	IMPERIAL CHEMICAL INDUSTRIES PLC		

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Sheet	3	of	10	Attorney Docket Number	0286336.00159US2/NOR-020US

	BJ	GB-9112825	07-31-1991	IMPERIAL CHEMICAL INDUSTRIES PLC		
	BK	WO-02/31110	04-18-2002	BOYD		
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	BN	WO-00/62657	10-26-2000	MONASH UNIVERSITY		
	BO	WO-99/53050	10-21-1999	COMMONWEALTH SCIENTIFIC AND INDUSTRIAL RESEARCH ORGANISATION		
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	BR	WO-98/23325	06-04-1998	THE GENERAL HOSPITAL CORPORATION		
	BS	WO-98/08533	03-05-1998	PEPTECH LIMITED		
	BT	WO-96/33282	10-24-1996	CHIRON VIAGENE, INC.		
	BU	WO-96/33281	10-24-1996	CHIRON VIAGENE, INC., SYSTEMIX		
	BV	WO-96/22786	08-01-1996	TAKEDA CHEMICAL INDUSTRIES, LTD.		
	BW	WO-96/14853	03-23-1996	UNIVERSITY OF WASHINGTON, FRED HUTCHINSON CANCER RESEARCH CENTER		
	BX	WO-92/19746	11-12-1992	CSL LIMITED, COX, John, Cooper, EDWARDS, Stirling, John		
	BY	WO-95/08105	03-23-1995	SYSTEMIX, INC.		
	BZ	WO-94/26877	11-24-1994	THE REGENTS OF THE UNIVERSITY OF CALIFORNIA		
	BA1	WO-94/26285	11-24-1994	THE GENERAL HOSPITAL CORPORATION		
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	BC1	WO-88/01176	02-25-1988	BUNGE (AUSTRALIA) PTY. LTD., BRANDON, Malcolm, Roy		

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. \* CITE NO.: Those application(s) which are marked with an single asterisk (\*) next to the Cite No. are not supplied (under 37 CFR 1.98(a)(2)(iii)) because that application was filed after June 30, 2003 or is available in the IPW. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

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NON PATENT LITERATURE DOCUMENTS			
Examiner Initials	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
	CA	Abdoudkhil, et al., (1991) Scand. J. Immunol. 34, 647-653	
	CB	Akashi et al., (1997) Cell 89(7) 1033-1041	
	CC	Ali et al., (2000) Transplantation 69:221	
	CD	Alpdogan et al., (2001) Blood 98:2256	
	CE	Amado et al., (1999) Front. Biosci. 4:D468-475	
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	CG	Andrew et al., (2001) J. Immunol. 166(3): 1524-1530	
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	CN	Bahnson et al., (1997) "Method for Retrovirus-Mediated Gene Transfer to CD34+-Enriched Cells," in Gene Therapy Protocols (P.D. Robbins, ed.), Humana Press, pp.249-263	
	CO	Banerjee et al., (1994) Stem Cells 12:378	
	CP	Batard et al., (2000) J. Cell. Sci. 113:383-90	
	CQ	Basch, (1990) Aging: Immunology and Infectious Disease, Vol. 2, No. 4, 229-235	
	CR	Bauer et al., (1997) Blood 89:2259-2267	
	CS	Belhadj et al., "Hepatosplenic gamma-delta T-cell lymphoma is a rare clinicopathologic entity with poor outcome: Report of a Series of 21 Patients," Blood, 2003, pp. 4261-4269, Vol. 102.	
	CT	Belmont et al., (1997) "Methods for Efficient Retrovirus-Mediated Gene Transfer to Mouse Hematopoietic Stem Cells," in Gene Therapy Protocols (P.D. Robbins, ed.), Humana Press, pp. 223-240	
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	CV	Berzins et al., (1998) J Exp. Med. 187: 1839	
	CW	Bloom et al., (1993) Science 257, 1055	
	CX	Bodey et al., (1997) In Vivo 11(4): 351-370	
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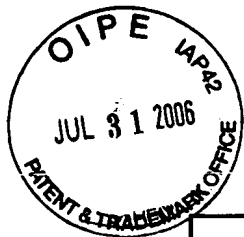
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CQ1	DiGusto et al., (1997) Blood 87:1261	
CR1	Doria et al., (1997) Mech. Age. Dev. 95: 131-142	
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CY1	Ellis, "New Technologies for Making Vaccines," Chapter 29 of "Vaccines", Plotkin et al., 1998, pp. 568-574.	
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Sheet	6	of	10	Attorney Docket Number	0286336.00159US2/NOR-020US

	CF3	Goldberg et al., (2003) Poster Presentation, ASBMT, Keystone USA	
	CG3	Goldberg et al., (2003) Abstract, ASBMT, Keystone USA	
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	CJ3	Graham et al., (1973) Virology 52:456-457	
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	CL4	Jacobson et al., (1994) Endocrinology, Vol. 184(6): 2516-2523	
	CM4	Janeway et al., (2001) Immunobiology 5th Ed., p. 325	
	CN4	Jansson et al., (1994) J. Neuroimmunology 53:203-207	
	CO4	Jenkinson et al., (1985) Transplantat. 39:331	
	CP4	Junker et al., (1998) Hum Gene Ther., p. 333-40	
	CQ4	Kamradt et al., (2001) N. Engl. J. Med. 344:655-664.	
	CR4	Kendall et al., (1990) Cell Tissue Research, 261(3):555-64	
	CS4	Kendall, (1988) "Anatomical and physiological factors influencing the thymic microenvironment," in THYMUS UPDATE I, Vol. 1. (M. D. Kendall, and M. A. Ritter, eds.) Harwood Academic Publishers, p. 27	
	CT4	Kincade et al., (2002) Immunology, 14: 385-394	
	CU4	Kincade et al. (2000) Immunological Reviews, 175: 128-137	
	CV4	Kirschmann et al., (1992) Cell. Immunol. 139:426	
	CW4	Kissin et al., (1987) Radiology, 163(1): 67-70	
	CX4	Kohn et al., (1999) Blood 94:368-371	
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		Art Unit	Not Yet Assigned		
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	CY4	Kohen et al., (1998) Developmental Immunology, 5: 277-285	
	CZ4	Kojima et al., "Immunosuppressive Therapy Using Antithymocyte Globulin, Cyclosporine, and Danazol With or Without Human Granulocyte Colony-Stimulating Factor in Children With Acquired Aplastic Anemia," Blood, September 15, 2000, Vol. 96, No. 6, pp 2049-2054	
	CA5	Komschlies et al., (1995) J. Leukoc. Biol. Dec.; 58(6): 623-633	
	CB5	Kouro et al., (2001) Blood 97:2708	
	CC5	Krijanovski, et al., (1999) Blood 94:825	
	CD5	Krug (2004) Sem. Oncol. 31:112	
	CE5	Kurashima et al., (1995) Int. Immunol. 7:97	
	CF5	Landstrom et al., (1997) Int. J. Cancer 71, 451-455	
	CG5	LeMaoult et al., (2000) J. Immunol. 165:2367	
	CH5	LeMaoult et al., (1999) J. Immunol. 162:6384-6391	
	CI5	Leposavic et al., (1995) Neuroimmunomodulation 2:100-107	
	CJ5	Lewin et al., (2002) Blood 100:2235	
	CK5	Lin et al., (1996) Cancer Res. 56:21	
	CL5	Lincz et al., (2001) Leuk. and Lymph. 40: 373	
	CM5	Mackall et al., (1998) Eur. J. Immunol. 28: 1886-1893	
	CN5	Mackall et al., (1997) Immunol. Rev. 160:91	
	CO5	Mackall et al., (1997) Immunology Today, 18(5): 245-251	
	CP5	Mackall et al., (1995) New England J. Med. 332:143	
	CQ5	Maraskovsky et al., (1997) Cell 89(7): 1011-9	
	CR5	Martinez et al., (2003) J. Clin Invest. 111:1365	
	CS5	Masera et al., "Is Orchiectomy Indicated Before BMT in Childhood ALL?" Bone Marrow Transplant, 1991, Vol. 8, No. S1, pp 33-35	
	CT5	Masuzawa et al., (1994) J. Clin. Invest. 94:1090	
	CU5	Matera, Neuroimmunomodulation (1997) 4(4): 171-80	
	CV5	Matzinger et al., (1989) Nature 338:74-60	
	CW5	Medina et al., (2001) Nat. Immunol. 2:718	
	CX5	Mercader et al., (2001) PNAS 98(25): 14565-14570	
	CY5	Miller et al., (1976) J. Immunol. 117:1519	
	CZ5	Mocchegiani et al., (1990) Horm. Res. 33(6): 248-55	
	CA6	Morale et al., (1991) Endocrinology, 128(2): 1073-1085	
	CB6	Morelli et al., (2001) Semin. Immunol. 13:323-335	
	CC6	Morrissey et al., (1991) J. Immunol. 146:1547	
	CD6	Mosley et al., (1998) Cell. Immunol. 189:10	
	CE6	Murasko et al., (2002) Exp. Gerontol. 37:427-439	
	CF6	Nabel et al., (1992) Hum. Gene Ther. 3:649-656	
	CG6	Nicoletti et al., (1993) J. Immunol. 150:543-549	
	CH6	Nikolic et al., (2000) Blood, 96(3): 1166-1172	
	CI6	Noach et al., (2002) Blood 100:312	
	CJ6	Nowak, (1999) New Scientist, pg. 11	
	CK6	Oberbeck, (2003) J. Surg Res. 113(2): 248-56	
	CL6	Ohnishi et al., (2003) Int. J. Mol. Med. 1:331	
	CM6	Oliver et al., (1995) Urol. Int., 54:226-229	
	CN6	Olsen et al., (2001) Endocrinol. 142:1278	
	CO6	Olsen, et al., (2001) J. Clin. Invest. 108:697	
	CP6	Olsen et al., "Androgen Deprivation Induces Phenotypic and Functional Changes in the Thymus of Adult Male Mice," Endocrinology, 1991, pp. 2471-2476, Vol. 129, No. 5	
	CQ6	Oluwole et al., (1993) Transplantation 56:1523-1527	

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	CR6	Oosterwegel et al., (1997) Immunity 6(3): 351-360	
	CS6	Orme et al., (1993) J. Infect. Dis. 167:1481	
	CT6	Ortman et al., (2002) Int. Immunol. 14:813	
	CU6	Pacheco et al., (1979) J. Parasitol. 65:414	
	CV6	Panerai et al., (1997) Immunol. Today 4: 191-192	
	CW6	Panoskaltis et al., (1999) Frontiers in Bioscience 4:457	
	CX6	Panoskaltis-Mortari et al., (2000) Blood 96:4350	
	CY6	Parkman et al., (1997) Immunol. Rev. 157:73	
	CZ6	Pawelec et al., (1999) Frontiers in Bioscience 4, 216-269	
	CA7	Penit et al., (1996) Dev. Immunol. 5:25	
	CB7	Penit et al., (1989) Proc. Natl. Acad. Sci. U.S.A. 86:5547	
	CC7	Perriman et al., (1992) Gene 113:157	
	CD7	Peschon et al., (1994) J. Exp. Med. 180(5): 1955-1960	
	CE7	Plavec et al., (1996) Gene Ther. p. 717-24	
	CF7	Plosker et al., (1994) Drugs 48:930	
	CG7	Podda et al., (1992) Proc. Natl. Acad. Sci. USA 89:9676	
	CH7	Potter et al., (1984) Proc. Natl. Acad. Sci. USA 81:7161-7165	
	CI7	Prasad et al., (1988) J. Clin. Invest. Oct; 82(4): 1202-1210	
	CJ7	Randle-Barrett et al., (1995) Dev. Immunol. 4:101	
	CK7	Ranga et al., (1998) Proc. Natl. Acad. Sci. USA 95:1201	
	CL7	Rao et al., (1994) Am. J. Reproductive Immunology, 32:238-247	
	CM7	Renia et al., (1993) J Immunol. 150:1471	
	CN7	Repique et al., (2002) Infection and Immunity, p. 3318-3323	
	CO7	Robinson, et al. (2000) Adv. Virus Res. 55:1-74	
	CP7	Rodrigues et al., (1991) Int. Immunol. 3: 579	
	CQ7	Romain et al., (1993) Proc. Natl. Acad. Sci. USA 90:5322	
	CR7	Rosenzweig et al., (1997) Blood, 90(12): 4822-4831	
	CS7	Ross et al., "Gene Therapy in the United States: A Five-Year Status Report," Human Gene Therapy, 1996, pp. 1781-1790, Vol. 7.	
	CT7	Rossi et al., (2002) Blood 100:682-691	
	CU7	Sato et al., (2004) Br. J. Cancer 90:1334	
	CV7	Scollay et al., (1980) Eur. J. Immunol. 10:210	
	CW7	Seder et al., (1994) Annu. Rev. Immunol. 12:635	
	CX7	Segeren et al., (1999) Br. J. Haem. 105: 127-130	
	CY7	Sempowski et al., (2002) Mol. Immunol. 38:841-84	
	CZ7	Sempowski et al., (2000) J. Immunology 164: 2180-2187	
	CA8	Shaffer et al., (2003) Lancet Oncol. 4:407	
	CB8	Shippy et al., (1999) Mol. Biotechnol.12: 117	
	CC8	Shortman et al., (1990) Seminars in Immuno. 2:3	
	CD8	Shu et al., (1993) J. Virol. 67:2723	
	CE8	Shull et al., (1992) Nature 359:693	
	CF8	Silva et al., (1994) Immunol. 82:244	
	CG8	Smithson et al., (1995) J. Immunol. 155:3409	
	CH8	Smithson et al., (1998) J. Immunol. 161:27-35	
	CI8	Soares et al., J. Immunol. (1998) 161:5909-5917	
	CJ8	Spitler, "Cancer Vaccines: The Interferon Analogy," Cancer Biotherapy, 1995, Vol. 10, pp. 1-3.	
	CK8	Starzl et al., (1992) Lancet 339:1579	
	CL8	Steffens et al., (2000) Clin. Immunol. 97:95	
	CM8	Stern et al., (1989) Corneal Laser Ablation, 107: 587-592	
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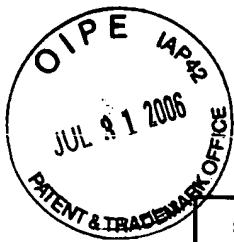
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CN8	Storek et al., (1997) Am. J. Hematol. 54:131	
CO8	Storek et al., (2001) Blood 98:3505	
CP8	Strayer et al., (2002) Therapy 5:33-41	
CQ8	Suda et al., (1991) J. Immunol. 146:3068	
CR8	Suda et al., (1992) J. Immunol. 149(1): 71-76	
CS8	Takeoka et al., (1999) Clin. Immunol. 90:388-398	
CT8	Talwar, (1999) Immunol. Rev. 171:173-92	
CU8	Tang et al., (1997) J. Immunol. 159:117	
CV8	Tanghe et al., (2001) Infection and Immunity, p. 3041-3047	
CW8	Tanghe et al., (2000) Infection and Immunity 68(7): 3854-3860	
CX8	THE JORDAN REPORT 2000: ACCELERATED DEVELOPMENT OF VACCINES, published by the Division of Microbiology and Infectious Diseases, National Institute of Allergy and Infectious Diseases, National Institutes of Health (available at <a href="http://www.niaid.nih.gov/publications/pdf/jordan.pdf">http://www.niaid.nih.gov/publications/pdf/jordan.pdf</a> -last visited Apr. 2004)	
CY8	Thurmond et al., (2000) Endocrinol. 141:2309	
CZ8	Thomson et al., (1999) Immunology Today 20(1):27	
CA9	Thomas-Vaslin et al., (1997) P.N.A.S. (U.S.A.) 94:4598-4603	
CB9	Timm et al., (1999) J. Immunol. 162:711	
CC9	Tomita et al., (1994) J. Immunol. 153:1087-1098	
CD9	Tosi et al., (1982) Clin. Exp. Immunol. Feb; 47(2): 497-504	
CE9	Ulmer et al., (1993) Science 259:1745	
CF9	Umesaki et al., (1999) Gynecol. Obstet. Invest. 48:66-8	
CG9	Utsuyama et al., (1989) Mech. of Ageing Dev. 175-185	
CH9	Utsuyama et al., (1995) Mech. Ageing Dev. 107-117	
CI9	van Ewijk et al., (1980) J. Histochem. Oct 28(10): 1089	
CJ9	van Ewijk et al., (1991) Annu. Rev. Immunol. 9:591-615	
CK9	Vickery et al., (1984) LHRH AND ITS ANALOGS: CONTRACEPTIVE & THERAPEUTIC APPLICATIONS (Vickery et al., eds.) MTP Press Ltd., Lancaster, PA	
CL9	Viselli et al. (1995) Immunology 84: 337-342	
CM9	Viselli et al., (1997) Cellular Immunology 182, 99-104	
CN9	Vogelsang et al., "Thalidomide Induction of Bone Marrow Transplantation Tolerance," Transplantation Proceedings, 1987, Vol. XIX, No. 1, pp 2658-2661	
CO9	Von Freeden-Jeffry et al., (1995) J. Exp. Med. 181:151	
CP9	Waldrop et al., (1998) J. Immunol. 161(10): 5284-95	
CQ9	Wang et al., (2003) Br. J. Cancer 88:887	
CR9	Waterhouse et al., (1998) Proc. Natl. Acad. Sci. USA 95:13959	
CS9	Weinberg et al., (1995) Biol. Blood Marrow Transplant 1 (1): 18-23	
CT9	Weiss et al., (1988) Proc. Natl. Acad. Sci USA 85:573	
CU9	Weiss et al., (1992) J. Immunol. 149:2103	
CV9	Weksler et al., (2000) Vaccine 18:1624-1628	
CW9	Weyand et al., (1998) Mech. Age. Dev. 102: 131-147	
CX9	Wiker et al., (1992) Microbiol. Rev. 56: 648	
CY9	Wiles et al., (1992) Eur. J. Immunol. 22:1037	
CZ9	Wilson et al., (1995) Blood 85:1535	
CAA	Windmill et al. (1993) Reprod. Fertil. Dev. 5, 73-81	
CBA	Windmill et al., (1998) Tissue Cell 30(1): 104-111	
CCA	Woffendin et al., (1994) Proc. Natl. Acad. Sci. USA, 91:11581	
CDA	Woffendin et al., (1996) Proc. Natl. Acad. Sci. USA, 93:2889	
CEA	Wu et al., (1996) Am. J. Repro. Immunol. 35(6): 510-516	

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	CFA	Yang et al., (1994) "The Particle Bombardment System for Mammalian Gene Transfer," In PARTICLE BOMBARDMENT TECHNOLOGY FOR GENE TRANSFER (Yang, N.-S. and Christou, P., eds.), Oxford University Press, New York, pp. 117-141	
	CGA	Young et al., (1991) Res. Microbiol. 142:55	
	CHA	Zhang et al., (1999) J. Exp. Med. 190:725	
	CIA	Zlotnik et al., (1995) Curr. Opin. Immunol. 7:206.	

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